

IN THE CLAIMS

Please cancel claims 1-30, all of the claims in the subject U.S. patent application, as filed. Please add new claims 31-63 as follows:

Claims 1-30 (Cancelled)

31. (New) A cylinder adapted to contact a web comprising:

means supporting said cylinder for rotation in a web-travel direction about an axis of rotation; and

means imposing a bend on said cylinder in one of a direction in, and opposite to said web travel direction as a function of a location of at least one image element on said web.

32. (New) The cylinder of claim 31 wherein said cylinder bend is imposed on a center section of said cylinder in said web running direction.

33. (New) The cylinder of claim 31 wherein said web of material includes several image elements arranged in said cylinder axial direction and said cylinder bend is a function of said image elements.

34. (New) The cylinder of claim 31 further including at least first and second printing groups imprinting at least first and second ones of said image areas.

35. (New) The cylinder of claim 34 further including at least four different printing groups supporting four image elements.

36. (New) The cylinder of claim 31 wherein said cylinder is a counter-pressure cylinder and further including a forme cylinder cooperating with said counter-pressure cylinder to provide a printing position for said web of material.

37. (New) The cylinder of claim 36 further including a second printing position for said web of material.
38. (New) The cylinder of claim 31 further including means to set said bend of said cylinder.
39. (New) The cylinder of claim 31 including a shaft supporting said cylinder for rotation about said axis of rotation, said shaft having first and second end sections and a shaft center section supporting said cylinder at cylinder first and second ends and center and further including at least a first actuating member adapted to shift said shaft first and second end sections with respect to said shaft center section in a direction perpendicular to said shaft.
40. (New) The cylinder of claim 39 further including a second actuating member, said first and second actuating members shifting said shaft end sections in first and second directions.
41. (New) The cylinder of claim 40 wherein said first and second directions constitute a right angle.
42. (New) The cylinder of claim 40 wherein said first and second shaft end sections extend axially beyond said cylinder and wherein at least one of said actuating members is arranged on one of said shaft end sections outside of said cylinder.
43. (New) The cylinder of claim 31 wherein said bend is perpendicular to said web travel direction.
44. (New) A device for printing a web comprising:
a first cylinder having a first axis;
a second cylinder having a second axis, said second cylinder cooperating with

said first cylinder and defining a printing gap for a web of material passing through said gap in a web running direction;

a clamping line defined by a line of contact of said first and second cylinders in said printing gap; and

means for curving said clamping line in one of a direction in, and opposite to said web running direction.

45. (New) The device of claim 44 including a shaft supporting said first cylinder for rotation about said axis, said shaft having first and second end sections and a shaft center section supporting said first cylinder at cylinder first and second ends and center, and further including at least a first actuating member adapted to shift said shaft first and second end sections with respect to said shaft center section in a direction perpendicular to said first cylinder axis.

46. (New) The device of claim 45 wherein said at least one actuating member shifts said first cylinder in a direction that forms an angle with a plane defined by said first cylinder axis and said second cylinder axis.

47. (New) The device of claim 45 wherein said at least one actuating member is rotatable about said first cylinder axis.

48. (New) The device of claim 46 wherein said at least one actuating member is rotatable about said first cylinder axis.

49. (New) The device of claim 45 further including a second actuating member, said first and second actuating members shifting said shaft end sections in first and second directions.

50. (New) The device of claim 49 wherein said first and second directions constitute

a right angle.

51. (New) The device of claim 49 wherein said first and second shaft end sections of said first cylinder extend axially beyond said first cylinder and wherein at least one of said first and second actuating members is arranged outside of said first cylinder on at least one of said shaft end sections.

52. (New) The device of claim 45 further including a pair of said actuating members and which are diametrically opposed.

53. (New) The device of claim 45 wherein said at least one actuating member is a set screw.

54. (New) The device of claim 45 wherein said at least one actuating member is a hydraulic actuating member.

55. (New) The device of claim 45 wherein said at least one actuating member is at least one rolling bearing between said first cylinder and said shaft.

56. (New) The device of claim 45 wherein said first cylinder has a rubber surface.

57. (New) The device of claim 45 further including at least one sealing element on said at least one actuating member.

58. (New) The device of claim 44 wherein said second cylinder is a forme cylinder.

59. (New) The device of claim 44 wherein said first cylinder and said second cylinder are components of a rotogravure printing press.

60. (New) The device of claim 44 wherein said first cylinder is a counter-pressure cylinder.

61. (New) The device of claim 44 wherein said first cylinder is curved along said clamping line to compensate for at least one of registration errors and indexing errors.

62. (New) The device of claim 44 wherein said first cylinder includes a cylinder center section which is deformable in said web running direction.

63. (New) The device of claim 62 further including a doctor blade contacting a side of said second cylinder and further wherein said center section of said first cylinder is contacting said second cylinder on a side of said second cylinder located away from said doctor blade.